

Fig. 1

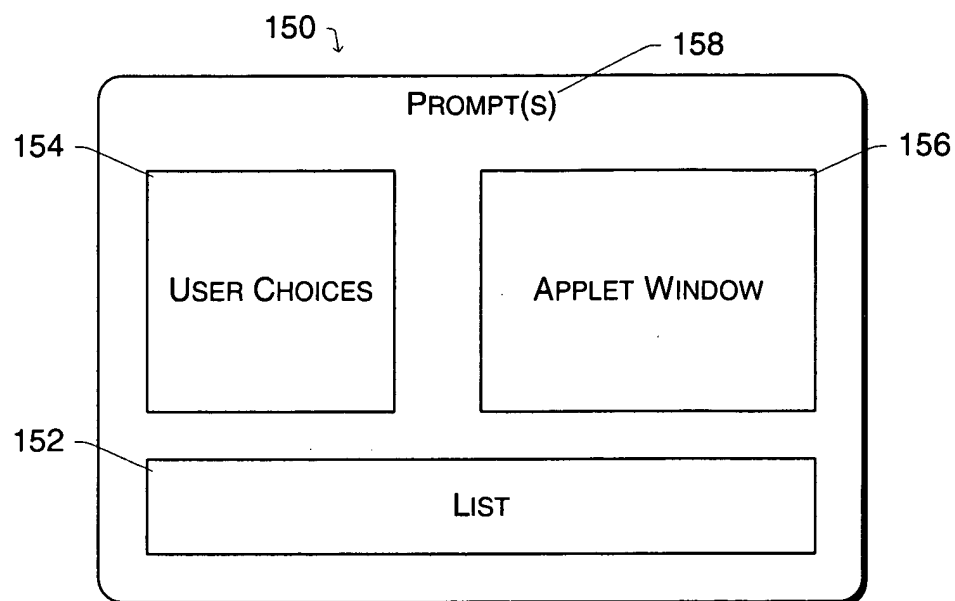


Fig. 2

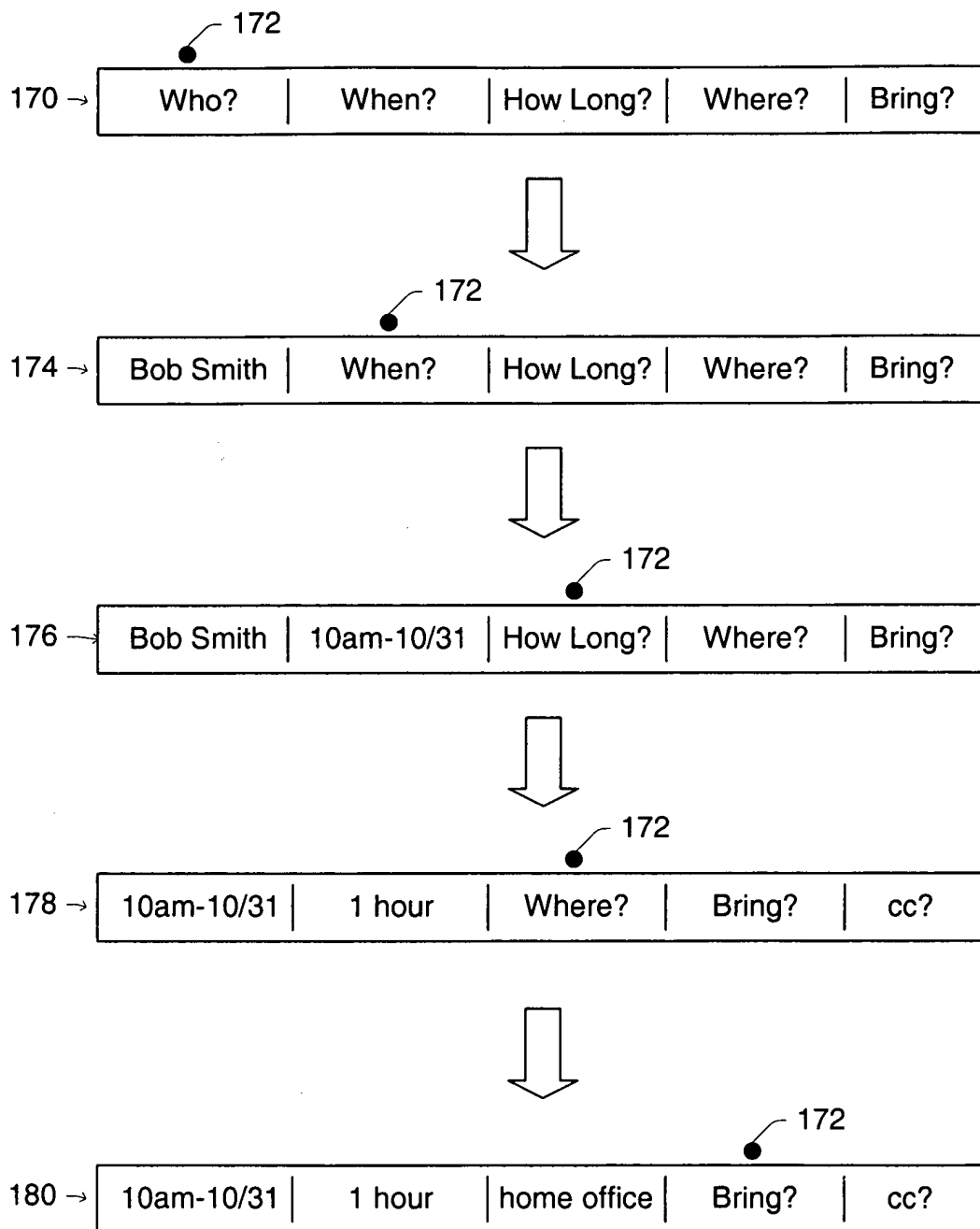


Fig. 3

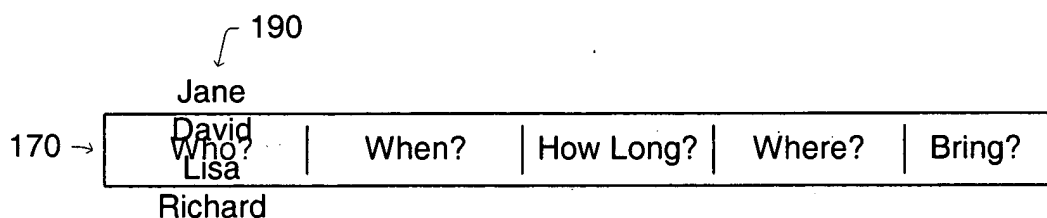


Fig. 4A

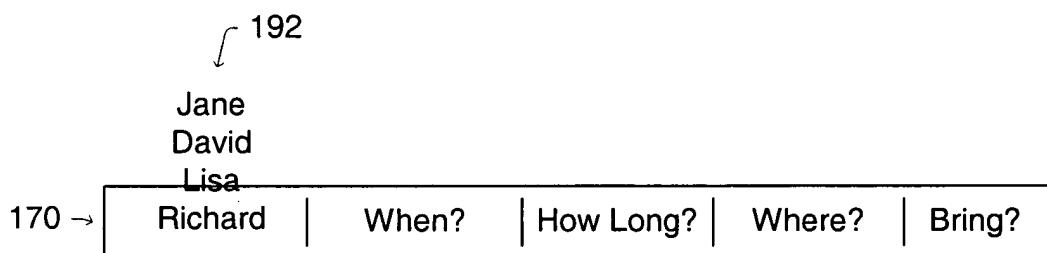


Fig. 4B

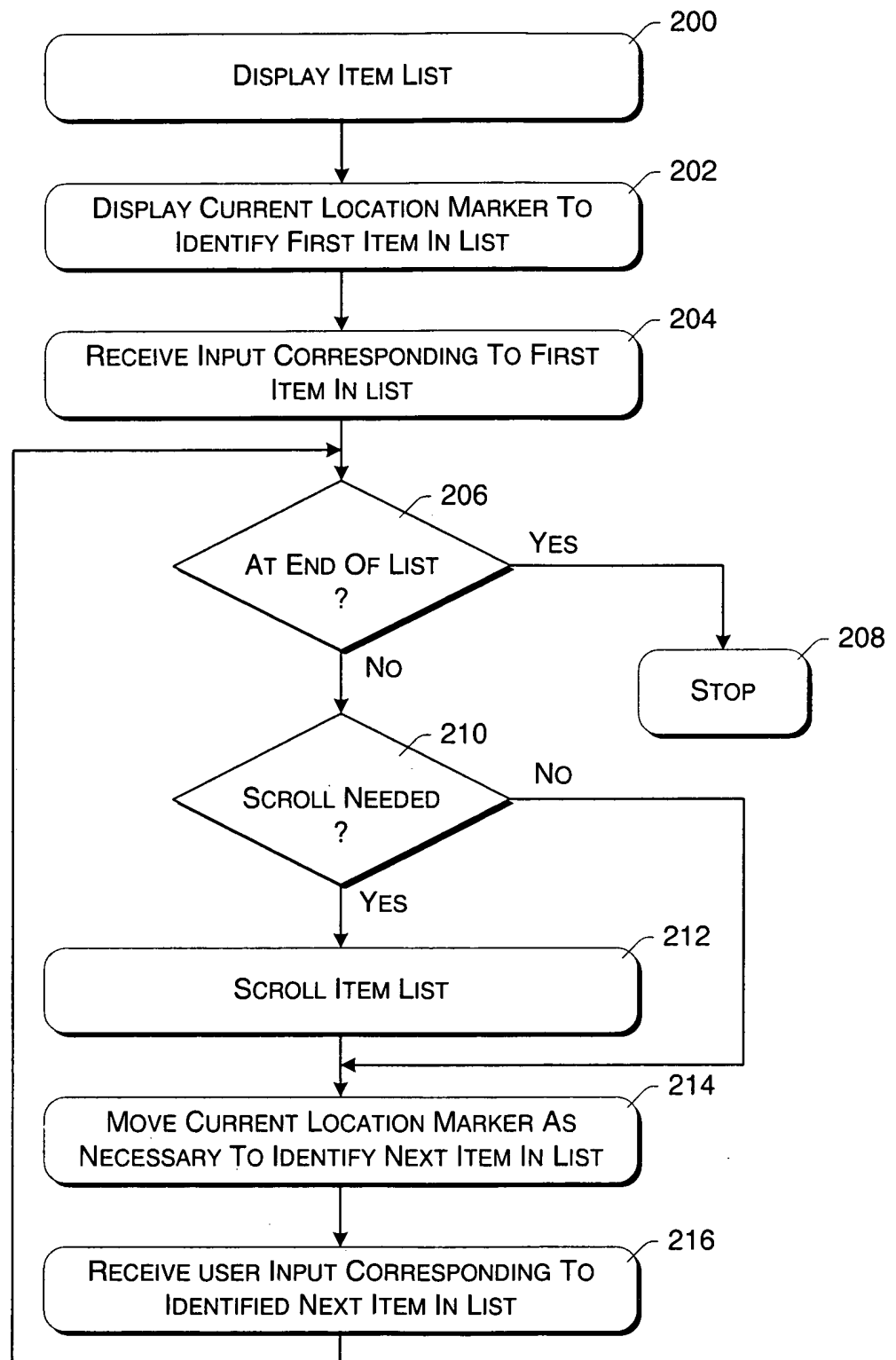


Fig. 5

New Inspection Inspection Info Comments

248 **INSPECTION INFO**

242

1 Customer Name
2 Customer Phone
3 Customer Address
4 Customer City
5 Customer State
6 Customer Zip 246
7 Inspector Name
8 Inspection Date
9 Comments

Customer Name: Bob Smith
Customer Phone: 555-1212
Customer Address: 123 Main St.
Customer City: Seattle
Customer State: _____
Customer Zip: _____
Inspector Name: _____
Inspection Date: _____
Comments: _____

244

Fig. 6

270 **INSPECTION INFO**

Page Up ▲

1 Customer Name
2 Customer Phone
3 Customer Address
4 Customer City
5 Customer State
6 Customer Zip 272
7 Inspector Name
8 Inspection Date
9 Comments

Page Down ▼

Customer Name: Bob Smith
Customer Phone: 555-1212
Customer Address: 123 Main St.
Customer City: Seattle
Customer State: _____
Customer Zip: _____
Inspector Name: _____
Inspection Date: _____
Comments: _____

264

New Inspection Inspection Info

262 268 266

Fig. 7

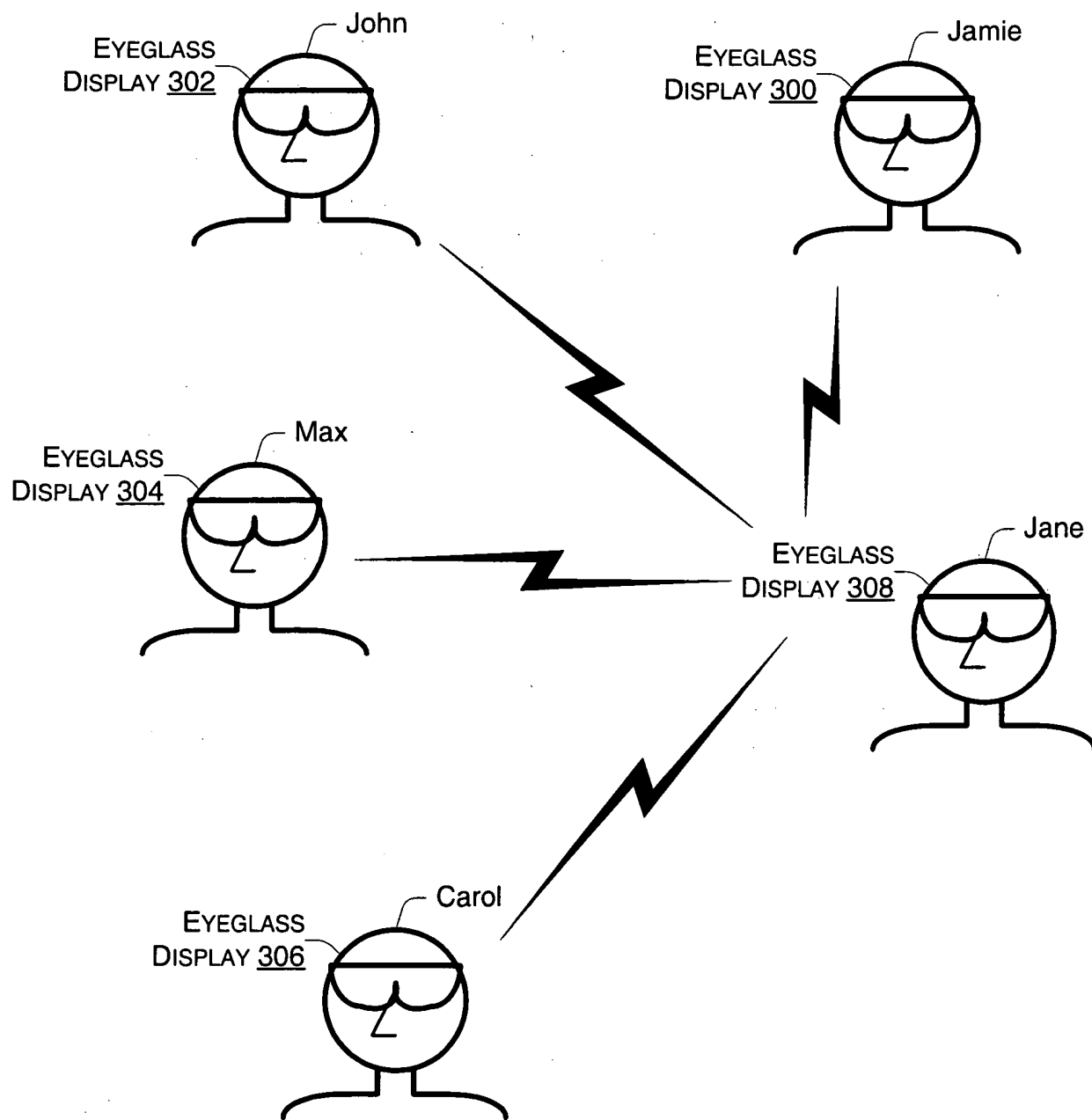


Fig. 8

308

<i>JOHN</i> INVENTORY PARTS ASSEMBLE INTAKE LUBRICATE CORE
<i>JAMIE</i> LUBRICATE CORE INSTALL INTAKE VERIFY CHARGE
<i>MAX</i> LUBRICATE CORE INSTALL INTAKE VERIFY CHARGE
<i>CAROL</i> INSTALL INTAKE VERIFY CHARGE RUN DIAGNOSTICS
INVENTORY ASSEMBLE LUBRICATE INSTALL VERIFY RUN

Fig. 9

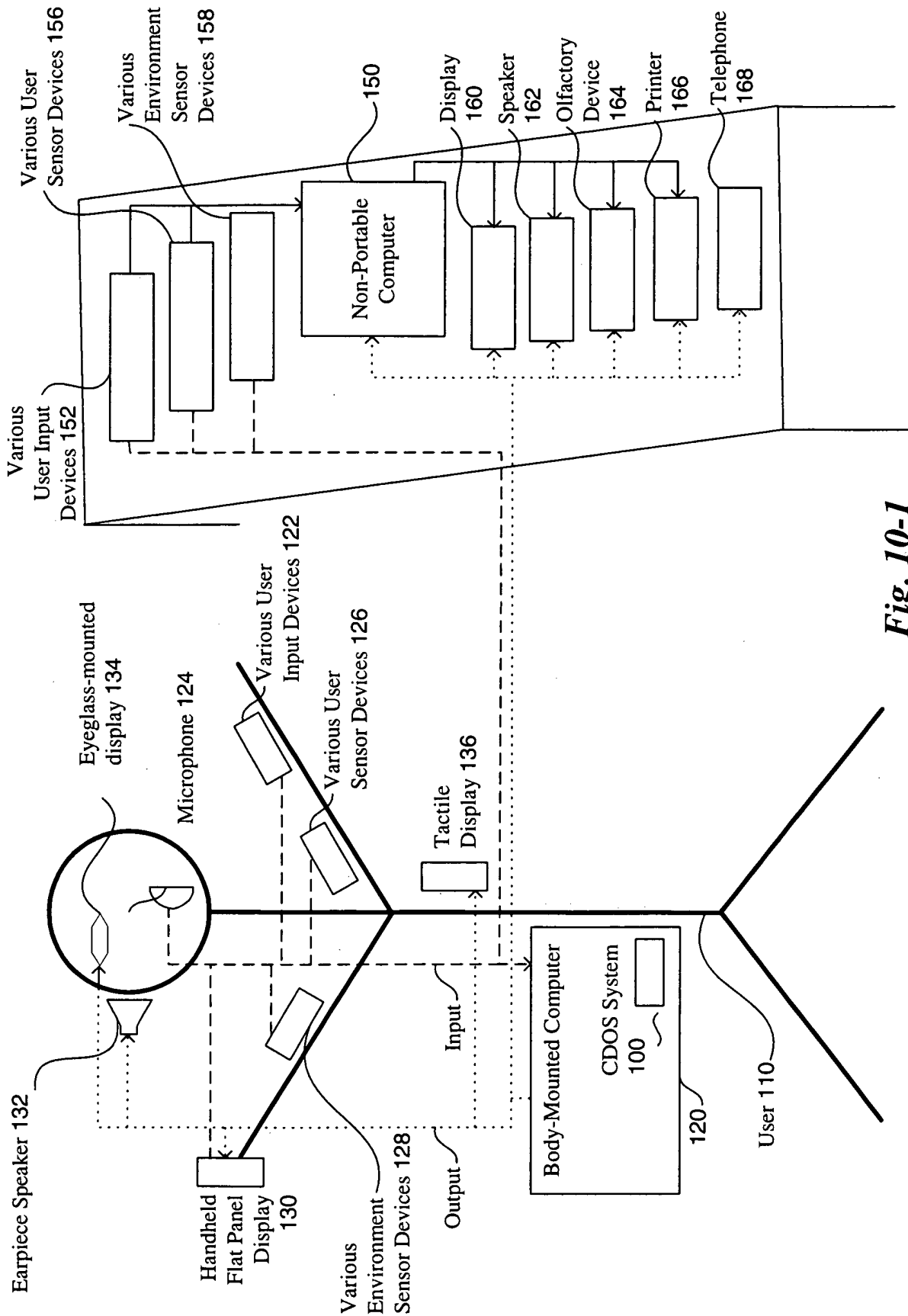


Fig. 10-1

Fig. 10-2

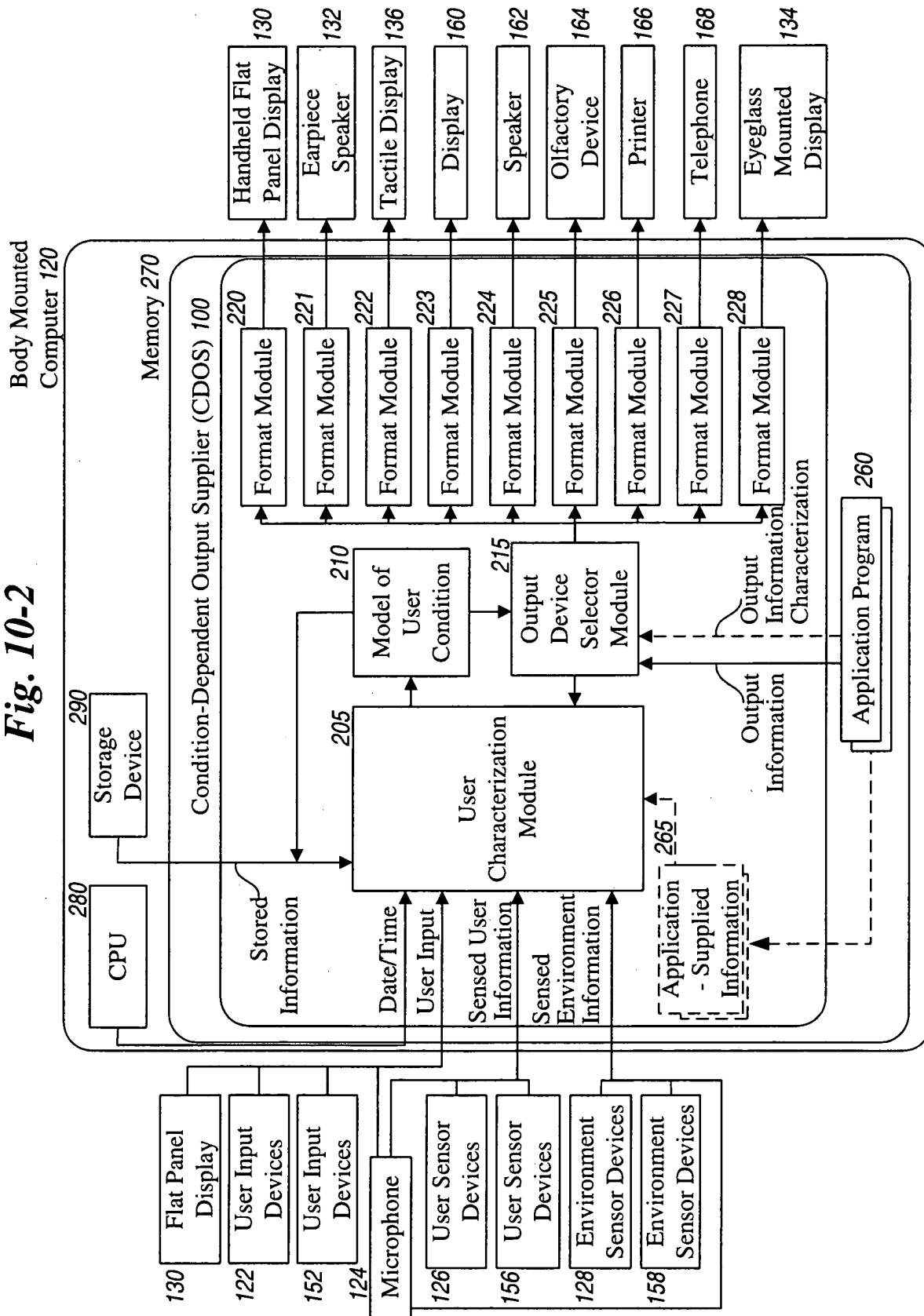


Fig. 10-3

Model of User Condition		210
User: X Time: 14:22 Date 10/15/XX		
Latitude	37°55.3' N	
Longitude	95°24.7' W	
Altitude	102'	
Heart Rate	57 beats/minute	
Blood Pressure	125 / 80	
Last User Input	Voice Command "Stop Recording"	
Ambient Temperature	67°F	
Ambient Noise	20 dB	
Location	Office	
Speed	2 MPH	+/- 10%
Nearby Objects	Desk	
Nearby People	Physical: None. Audio: "Doug Smith"	
User Activity	Talking on Cell Phone, Walking	Highly Likely
Cognitive Load	77	
Level of Privacy	Company, Executive	
Scope of Audience	Self	
Application X-Factor 1	Normal: Mean-23, Std Dev 3	
User Format Preference	Visual > Auditory	
User Device Preference	Eyeglass Mounted Display	

Fig. 10-4

User Characterization Module 205

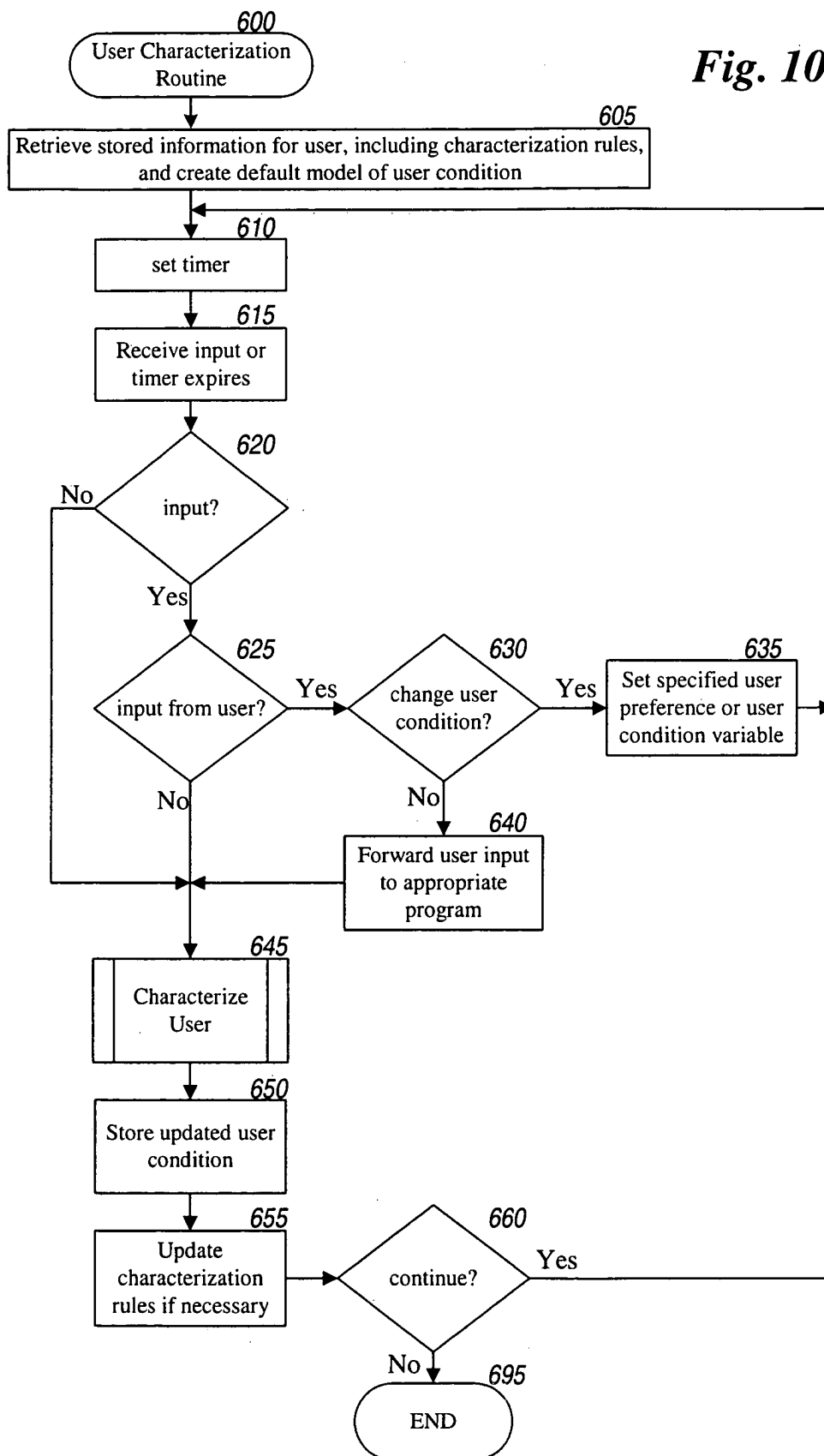
User: X

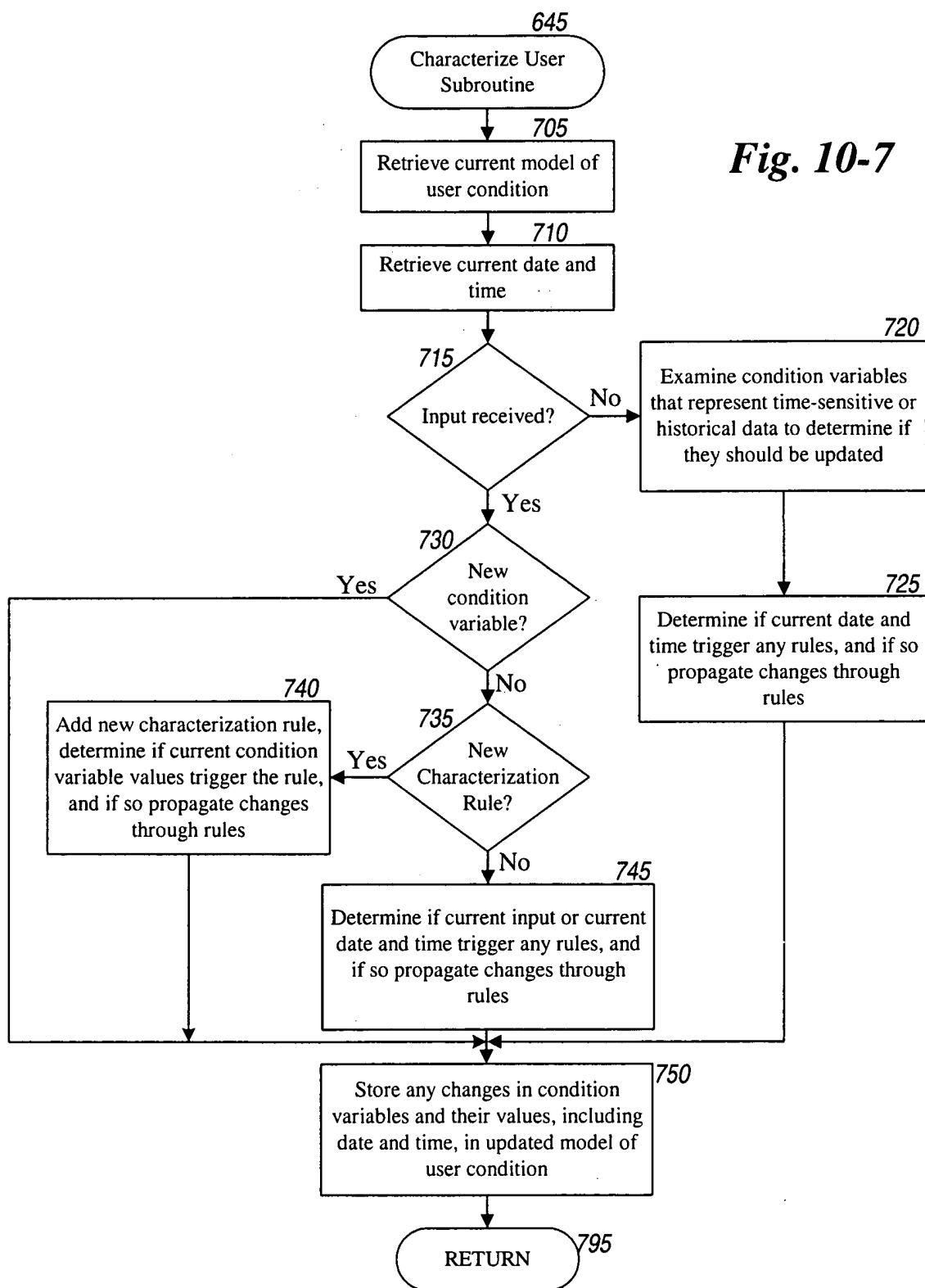
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IF <Latitude> ≈ "37° 55.2'N" AND <Longitude> ≈ "95° 24.7'W" THEN <Location> = "Office"
IF <Infrared.Link.To.Desktop> = True THEN <Nearby Objects> Includes "Desk"
IF <Voice.Recognition.ID> <> "X" AND <Speakerphone.Status> = "Disabled"
    THEN <Nearby People> Includes ValueOf <Voice.Recognition.ID>
IF <Desktop.Motion.Sensor.Human.Movement> = True AND <User Activity>
    Includes "Seated" THEN <Nearby People.Physical> Includes "Unidentified Person"
IF <User Activity> = "Walking" THEN <Cognitive Load> = 20
IF <User Activity> = "Talking *" THEN <Cognitive Load> = 55
IF <User Activity> Includes "Walking" AND <User Activity> Includes
    "Talking On Cell Phone" THEN <Cognitive Load> = 77
WHILE <Output.To.User> = True THEN <Cognitive Load> = +10
WHILE <User.Mood> Includes "Angry" THEN <Cognitive Load> = +20%
IF <Nearby People.*> Includes Only [Company Executives] THEN
    <Level Of Privacy> Includes "Executive"
IF <Nearby People.*> Includes Only [Company Employees] THEN
    <Level of Privacy> Includes "Company"
IF <Nearby People.Physical> = "None" THEN <Scope of Audience> = "Self"
IF <Output.Intrusive.To.Others> = "Likely" THEN <Scope of Audience> = "Self"
AppX:IF <Application X-Factor 1.Mean> > 25 THEN
    <Application X Output> = "Undesired" WITH Likelihood "Likely"
IF (<Current.Time> - <Time.Of.Last.User.Input>) > 5 minutes THEN <Interacting.With.Computer>
    = False WITH Likelihood "Somewhat Likely"

```


Fig. 10-6





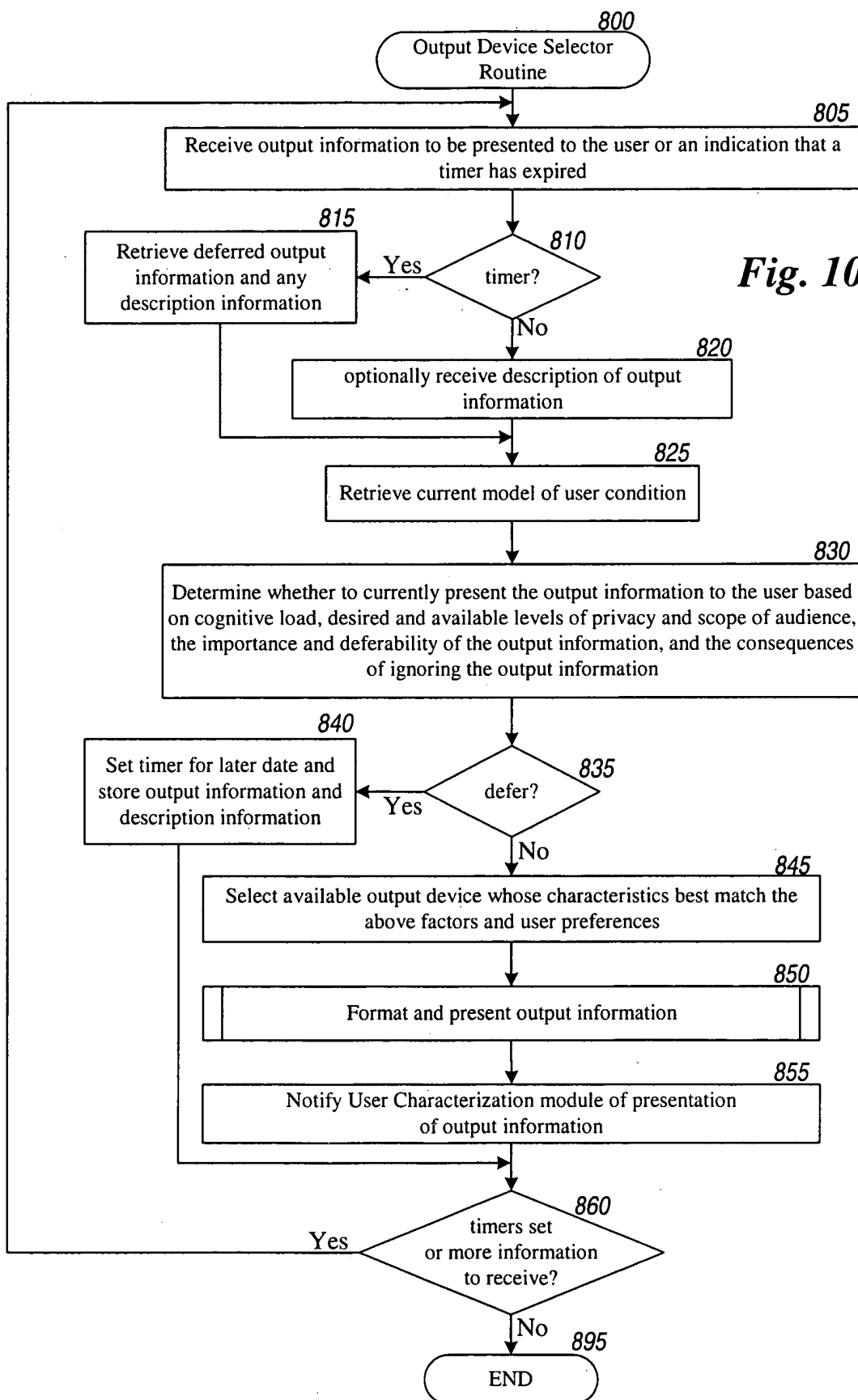


Fig. 10-8

Fig. 10-9

